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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/508,935	09/24/2004	Naoya Matsuura	A2-200 US	9865
7590		11/08/2005	EXAMINER	
Molex Incorporated		HAMMOND, BRIGGITTE R		
2222 Wellington Court		ART UNIT		
Lisle, IL 60532		PAPER NUMBER		
		2833		

DATE MAILED: 11/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/508,935

Applicant(s)

MATSUURA ET AL.

Examiner

Brigitte R. Hammond

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 22 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5,8-10 and 12 is/are rejected.
- 7) ☒ Claim(s) 2-4,6,7 and 11 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 5, 8-10 and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Poliak et al. 3,891,297. Poliak et al. disclose an electrical wire connecting device, comprising, an insulative housing 14; a screw 38 mounted for rotation in the housing, the screw being capable of selective rotation in a first or second direction about a rotational axis at a preselected level with said housing, said screw 38 being restrained from axial movement within said housing; a slider 40 supported within said housing and engaged with said screw and capable of forward or rearward axial movement within said housing movement and upon said screw in accordance with the screw rotation direction, a guide hole 52 disposed in said housing spaced apart from said screw, the guide hole providing a passage into said housing which receives an electrical wire 18 inserted into said housing, said housing further including a conductive contact 11 proximate to said guide hole for contacting the wire inserted into said guide hole; and a cam 44 for selectively pressing said wire inserted into said guide hole into electrical contact with said contact, the cam including a body portion rotatably mounted within said housing, the cam including a wire-contacting portion (at 44) for pressing said wire inserted into said guide hole against said contact, said cam wire-contacting portion

moving into pressing engagement with said wire when said screw is turned in said first direction and said slider moves in a forward direction and said cam wire-contacting portion moving out of pressing engagement with said wire to permit said wire to be removed from said guide hole when said screw is turned in said second direction and said slider moves in a rearward direction.

Regarding claim 5, the guide hole and the screw are parallel to each other within said housing.

Regarding claims 8 and 9 the contact 11 defines a surface of said guide hole and contact projects rearwardly of said housing.

Regarding claim 10, the cam includes at least two projections 46, 47 extending transversely from said cam body toward opposing walls of said housing, the projections maintaining true rotation of said cam within said housing.

Regarding claim 12, the guide hole includes a lead in surface.

Allowable Subject Matter

Claims 2-4,6,7 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments filed August 22, 2005 have been fully considered but they are not persuasive. In response to applicant's arguments that the cam 44 of Poliak et al. does not rotate, but is rockably mounted in the body. The Examiner disagrees, and replies, in order to "rock" the cam must rotate. Therefore the rejection stands. In response to

applicant's arguments regarding the functional drag language, it has been held that the functional "**whereby**" statement does not define any structure and accordingly cannot serve to distinguish. In re Mason, 114 USPQ 127, 44 CCPA 937 (1957).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brigitte R. Hammond whose telephone number is 571-272-2006. The examiner can normally be reached on Mon.-Thurs. and Alternate Fridays from 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571-272-2800 ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Brigitte R. Hammond
Primary Examiner
Art Unit 2833

November 4, 2005